



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. .... 10/764,345  
Filing Date ..... Jan 23, 2004  
Confirmation No. .... 5777  
Inventorship ..... Liu  
Applicant ..... Microsoft Corporation  
Group Art Unit .....  
Examiner .....  
Attorney's Docket No. .... MS1-1811US  
Title: Watermarking via Quantization of Rational Statistics of Regions

**INFORMATION DISCLOSURE STATEMENT**

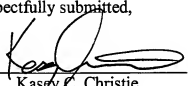
*References -- See Attached Form PTO-1449*

**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully submitted,

Date: 6-4-04

By:   
Kasey C. Christie  
Reg. No. 40,559

Please type a plus sign (+) inside this box →



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

**Complete if Known**

|                        |              |
|------------------------|--------------|
| Application Number     | 10/764,345   |
| Filing Date            | Jan 23, 2004 |
| First Named Inventor   | Liu          |
| Group Art Unit         |              |
| Examiner Name          |              |
| Attorney Docket Number | MS1-1811US   |

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]Examiner  
Signature

/Dante Ravetti/

Date  
Considered

07/14/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.R./



Please type a plus sign (+) inside this box → ☒Approved for use through 10/31/2002, OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

|   |                               |              |
|---|-------------------------------|--------------|
| <b>Application Number</b>                       | 10/764,345                    |              |
|   | <b>Filing Date</b>            | Jan 23, 2004 |
|   | <b>First Named Inventor</b>   | Liu          |
|   | <b>Group Art Unit</b>         |              |
|   | <b>Examiner Name</b>          |              |
| <b>Total Number of Pages in This Submission</b> | <b>Attorney Docket Number</b> | MS1-1811US   |

**ENCLOSURES (check all that apply)**

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers<br>(for an Application)<br><input type="checkbox"/> Drawing(s) Sheets<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence<br>Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication<br>to Group<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>identify below):<br>Form PTO-1449; reference copies (6);<br>return receipt postcard |
| <b>Remarks</b>   |  |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|  |                                    |
|--|------------------------------------|
| <b>Firm<br/>or<br/>Individual name</b> | Kasey G. Christie, Reg. No. 40,559 |
| <b>Signature</b>                       |                                    |
| <b>Date</b>                            | 6-14-04                            |

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: \_\_\_\_\_

|                              |                 |
|------------------------------|-----------------|
| <b>Typed or printed name</b> | Cheryl K. Boies |
| <b>Signature</b>             |                 |
| <b>Date</b>                  | 6/4/2004        |

Burden Hour Statement: This form is estimated to take 20 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.R./



PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no person shall be required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number 10/764,345  
Filing Date Jan 23, 2004  
First Named Inventor Liu  
Examiner Name  
Art Unit  
Attorney Docket No. MS1-1811US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 12-0769  
Deposit Account Name Lee & Hayes, PLLC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code  | Fee Code  | Fee Description        | Fee Paid   |
|--------------|--------------|-----------|-----------|------------------------|------------|
|              |              | Code (\$) | Code (\$) |                        |            |
| 1001         | 770          | 2001      | 385       | Utility filing fee     |            |
| 1002         | 340          | 2002      | 170       | Design filing fee      |            |
| 1003         | 530          | 2003      | 265       | Plant filing fee       |            |
| 1004         | 770          | 2004      | 385       | Reissue filing fee     |            |
| 1005         | 180          | 2005      | 80        | Provisional filing fee |            |
| SUBTOTAL (1) |              |           |           |                        | (\$ ) 0.00 |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | -20** =      | X              | 0        |
| Independent Claims | -3** =       | X              | 0        |
| Multiple Dependent |              |                |          |

| Large Entity | Small Entity | Fee Code  | Fee Code  | Fee Description  |
|--------------|--------------|-----------|-----------|--|
|              |              | Code (\$) | Code (\$) |  |
| 1202         | 18           | 2202      | 9         | Claims in excess of 20                                     |
| 1201         | 86           | 2201      | 43        | Independent claims in excess of 3                          |
| 1203         | 290          | 2203      | 145       | Multiple dependent claim, if not paid                      |
| 1204         | 86           | 2204      | 43        | ** Reissue independent claims over original patent         |
| 1205         | 18           | 2205      | 9         | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

#### Large Entity Small Entity

| Fee Code | Fee Code | Fee Code | Fee Code | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
|          |          |          |          |  |          |
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053     | 130      | 1053     | 130      | Non-English specification  |          |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252     | 420      | 2252     | 210      | Extension for reply within second month                                    |          |
| 1253     | 950      | 2253     | 475      | Extension for reply within third month                                     |          |
| 1254     | 1,480    | 2254     | 740      | Extension for reply within fourth month                                    |          |
| 1255     | 2,010    | 2255     | 1,005    | Extension for reply within fifth month                                     |          |
| 1401     | 330      | 2401     | 165      | Notice of Appeal   |          |
| 1402     | 330      | 2402     | 165      | Filing a brief in support of an appeal                                     |          |
| 1403     | 290      | 2403     | 145      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,330    | 2453     | 665      | Petition to revive - unintentional   |          |
| 1501     | 1,330    | 2501     | 665      | Utility issue fee (or reissue)   |          |
| 1502     | 480      | 2502     | 240      | Design issue fee   |          |
| 1503     | 640      | 2503     | 320      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809     | 770      | 2809     | 385      | Filing a submission after final rejection (37 CFR 1.129(e))                |          |
| 1810     | 770      | 2810     | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801     | 770      | 2801     | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Name (Print/Type) Kasey C. Christie

Registration No. (Attorney/Agent)

40,559

Telephone (509) 324-9256

Signature

Date

6-4-04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Complete for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.R./  
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.